

# EAST Search History

Search notes  
59K 9-27-06

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	"6399303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 13:17
S2	150	dna and electrode and counterelectrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:40
S3	28	dna and electrode and counterelectrode and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 13:20
S4	2	frenzen.in. and baum.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 17:07
S5	1	2004-824808.NRAN.	DERWENT	OR	ON	2006/08/23 13:22
S6	9	"4219335"	DERWENT	OR	ON	2006/08/23 13:22
S7	82	"4219335"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 13:22
S8	3	"4219335".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 13:22
S10	1766	dna and electrode and label and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 13:26
S11	496	dna and electrode and label and circuit and opposing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:42
S12	72	dna and electrode and label and circuit and opposing and (silver same label)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 16:43
S13	0	"ribi.in" and hans.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 16:43

## EAST Search History

S14	0	."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 16:43
S15	0	"ribi.in." and hans.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 16:43
S16	50	ribi.in. and hans.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 16:45
S17	11	S16 and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 16:45
S18	45	(stray adj capacitance) and dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 17:10
S19	106	heller.in. and electrode and dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 17:25
S20	134	silver same probe same zinc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 17:28
S21	9	S20 and oligonucleotide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 17:26
S22	18	silver same oligonucleotide same zinc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:38
S23	13508	stray adj capacitance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:38
S24	38	S23 and (dna and electrode and circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:43
S25	6	mroczkowski.in. and siegesmund.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:48

## EAST Search History

S26	24	siegesmund.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:48
S27	66	mroczkowski.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:50
S28	0	contact same dna same label same circuit same surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 07:51
S29	55	contact same dna same circuit same surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 08:43
S30	253	heller.in. and michael.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 08:43
S31	21	S30 and (dna same probe same electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 08:55
S32	3	azek.in. and fatima.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 08:56
S33	0	park.in. and tanton.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 08:56
S34	34	park.in. and mirkin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 08:57
S35	13	S34 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 09:56
S36	1	2002-608256.NRAN.	DERWENT	OR	ON	2006/08/24 08:57
S37	395160	gold sam particle same closes same circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 09:57
S38	2210111	completes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 09:57

## EAST Search History

S39	230	gold same particle same (closes completes) same circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 09:57
S40	3	S39 and (dna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:00
S41	54	S39 and (magnetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:03
S42	45526	upper adj electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:13
S43	0	move same cicuite same particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:13
S44	1	move same cicuit same particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:13
S45	6090	move same circuit same particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:33
S46	7	S45 and (dna and hybridization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:25
S47	11	"200200461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:26
S48	29	fish.in. and leonard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 07:53
S49	2	move same circuit same particle same dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:34
S50	1	actuat? same circuit same particle same dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:35

## EAST Search History

S51	0	move same circuit same particle same into	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:35
S52	0	move same electrode same particle same into	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:36
S53	0	move same electrode same label same into	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:36
S54	10	move same electrode same label same complete	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:37
S55	20	detect same dna same hybridization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:37
S56	14307	detect same dna same hybridization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:38
S57	5419	S56 and (two same surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:40
S58	688	S57 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:40
S59	596	S58 and label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:40
S60	378	S59 and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:41
S61	318	S60 and contact	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:43
S62	399	S57 and (create same current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:43

## EAST Search History

S63	46	S62 and electrolyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 11:10
S64	10	S57 and (create same current same electrolyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 10:44
S65	75	gold same contact same (circuit or electrode) same dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 12:05
S66	12	gold same contact same (circuit or electrode) same dna same (particle or label)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 11:11
S67	0	elcetrode and (DNA same hybridization) and (generate same current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 12:06
S68	1167	electrode and (DNA same hybridization) and (generate same current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 12:06
S69	1	S68 and (contact same metal same galvanic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 12:11
S70	157	S68 and (contact same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:49
S71	29	S68 and (contact same metal same electrolyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:31
S72	117559	electrode same gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:06
S73	0	S72 and (particle same polyene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 16:56
S74	88	S72 and polyene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:07

## EAST Search History

S75	338	S72 and (particle same label)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:09
S76	11	S74 and detection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:07
S77	312	S75 and (dna or oligo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:20
S78	0	wo9005300	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:21
S79	0	wo199005300	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:21
S80	0	"199005300"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/29 17:21
S81	15	"9005300"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:04
S82	11	zinc same counterelectrode same galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:04
S83	1	zinc same counterelectrode same detection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:05
S84	0	zinc same counterelectrode and (contact same particle) and (detect same analyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:05
S85	39	zinc same counterelectrode and (contact same particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:06
S86	40	detect\$5 same (analyte or particle) same galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:09

## EAST Search History

S87	49	creates same (analyte or particle) same galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:12
S88	7	detect same particle same galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:14
S89	0	detect same analyte same galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:15
S90	0	analyte same causes same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:15
S91	20981	particle same causes same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:15
S92	94	particle same causes same current same galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:16
S93	0	senosir same glavanic same creat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:16
S94	0	sensor same glavanic same creat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:16
S95	100	sensor same galvanic same creat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:24
S96	3	sensor same galvanic same dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:49
S97	17	"699478"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:50
S98	121	pittaro.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 08:51



## EAST Search History

S99	1562	franzen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:13
S10 0	1	S99 and galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:11
S10 1	170	S99 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:11
S10 2	17	S101 and dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:11
S10 3	218	baum.in. and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:13
S10 4	3	S103 and dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:15
S10 5	1060	detect same analyte same dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:16
S10 6	0	S105 and (electrodes same electrolyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:16
S10 7	0	S105 and (electrode same electrolyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 12:16
S10 8	57	S105 and (electrode same electrolyte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:25
S10 9	5	"6548311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:26
S11 0	3306	electrode same gap and (magnetic same particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:26

## EAST Search History

S11 1	315	S110 and dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:29
S11 2	879	S110 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:29
S11 3	806	S112 and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:30
S11 4	398	S113 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 13:30
S11 5	2	"19751706"	DERWENT	OR	ON	2006/09/25 09:25
S11 6	3	"19751706"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:12
S11 7	1	1999-493760.NRAN.	DERWENT	OR	ON	2006/09/25 09:13
S11 8	1	"6548311"	DERWENT	OR	ON	2006/09/25 09:26
S11 9	5	"6548311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:34
S12 1	125969	polyene sme particle same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:22
S12 2	4	polyene same particle same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:23
S12 3	3	polyene same gold same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:24

## EAST Search History

S12 4	1	polyene same conduct same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:27
S12 5	10	polyacetylene same conduct same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:27
S12 6	5	"6548311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:34
S12 7	1	S126 and electric same circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:34
S12 8	1	"6548311" and (electric same circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:41
S12 9	44697	covalent same DNA probe same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:42
S13 0	45	covalent same DNA same probe same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:10
S13 1	0	S130 and (partilce same metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:46
S13 2	5	S130 and (particle same metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:55

## EAST Search History

S14 1	2	"6391558"	DERWENT	OR	ON	2006/09/25 14:55
S14 2	7	covalent same DNA same electrode same particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:57
S14 3	28	covalent same DNA same electrode same gold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 14:57
S14 4	5	"6548311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:13
S14 5	24	heller.in. and (covalent same probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:36
S14 6	113	(dna same electrode) and (ampero\$5 same current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:35
S14 7	279	(dna same electrode) and (potentio\$5 same current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:48
S14 8	289	(dna same electrode) and (potentio\$5 same current) (couter\$9 same \$7lyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:49
S14 9	0	(dna same electrode) and (potentio\$5 same current) and (couter\$9 same \$7lyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:49

## EAST Search History

S15 0	0	(dna same electrode) and (potentio\$5 same current) and (couter\$9 same lyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 15:49
S15 1	164	(dna same electrode) and (potentio\$5 same current) and (electrolyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:26
S15 2	3	(dna same electrode) and (zinc) and (precipitate same silver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:27
S15 3	784	(dna same electrode) and (create same current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:28
S15 4	13	(dna same electrode) and (create same current same detect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:30
S15 5	753	(electrode) and (create same current same detect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:30
S15 6	13046	(electrode) and (create same current same detect) (precipitate same silver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:31
S15 7	1	(electrode) and (create same current same detect) and (precipitate same silver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:31
S15 8	14	(electrode) and (create same current same detect) and (electrochemical adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:40

## EAST Search History

S15 9	32	"5298884"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:41
S16 0	4950	electrolyte and DNA and generate and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:42
S16 1	688	electrolyte and DNA and generate and current and electrode and zinc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:42
S16 2	13	electrolyte and DNA and generate and current and electrode and zinc and counterelectrode and flow and contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:46
S16 3	175	detect and metal and electrolyte and galvanic and (detect same current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:53
S16 4	7948893	metal detection electrolyte electrochemical current galvanic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:54
S16 5	3	(metal same particle same detection) and electrolyte and electrochemical and current and galvanic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:03
S16 6	5	(metal same particle same detection) and electrolyte and current and galvanic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:04
S16 7	193	(metal same particle same detection) and electrolyte and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:14

## EAST Search History

S16 8	8	(metal same particle same detection) and galvanic and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:29
S16 9	137	antibody and electrode and galvanic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:22
S17 0	6956	antibody and electrode and galvanic and (electrolyte same nitrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:23
S17 1	1	antibody and electrode and galvanic and (electrolyte same nitrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:23
S17 2	66	antibody and electrode and galvanic and (electrolyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:23
S17 3	143	(metal same particle same detection) and precipitate and zinc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:31
S17 4	1	(label same detect\$5) and precipitate and zinc and electrochemical and counterelectrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:31
S17 5	444	(label same detect\$5) and precipitate and zinc and electrochemical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:32
S17 6	430	S175 and DNA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:32

## EAST Search History

S17 7	0	S176 and probe and galvanic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 17:32
S17 8	395	S176 and probe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 07:38
S17 9	27	(detect\$4 same analyte) and (electrochemical same cell same \$7electrode) and (electrolyte) and (zinc same \$7electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 07:57
S18 0	55	(detect\$4 same analyte) and (electrochemical same cell same \$7electrode) and (electrolyte) and (zinc) and DNA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 07:59
S18 1	3	"6824669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:00
S18 2	735	electrode and dna and potentiometric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:01
S18 3	316	S182 and (\$7electrode and electrolyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:13
S18 4	136	S182 and (metal same label)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:27
S18 5	22	"6265170"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:28



## EAST Search History

S18 6	4	"6613524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:28
S18 7	9	heller.in. and (covalent same probe) and (biotin\$6 and primer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:30
S18 8	1	"5298884" and dna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:46
S18 9	110	fixed adj leakage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:46
S19 0	0	S189 and galvanic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:47
S19 1	26	S189 and (current same electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:47
S19 2	1	S189 and (dna same probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:47
S19 3	1	S189 and (dna same detect\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:48
S19 4	0	S189 and (potnetiom\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:48

## EAST Search History

S19 5	8	S189 and (potentiom\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 09:56
S19 6	4	foultier.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:07
S19 7	551	electrode and dna and (primer same biotin\$6) and (covalent\$3 same (bind\$3 or bound or bond))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:08
S19 8	6	S197 and (heller.in. or henkens.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 11:57
S19 9	5	"6548311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 10:30
S20 0	4	"6391558" and (avidin same HRP)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 11:59
S20 1	4	"6391558" and (avidin same gold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 12:03
S20 2	3	"6391558" and (avidin same sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 12:03
S20 3	101	"4713347"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:31

## EAST Search History

S20 4	2	dna and electrode and label and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:36
S20 5	28	dna and electrode and counterelectrode and ecl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:20
S20 6	21	dna and electrode and label and circuit and opposing and ecl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:14
S20 7	28	"5466416"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:52
S20 8	0	ecl and electrochemiluminescence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:53
S20 9	466	ecl and electrochemiluminescence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:53
S21 0	133	S209 and (opposing or opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:08
S21 1	0	S209 and (opposing or opposite) and (electrode same surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 12:54
S21 2	86	S209 and (opposing or opposite) and (electrode same surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:06
S21 3	14	"771,976"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:06
S21 4	0	"09771,976"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:06
S21 5	0	"9771,976"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:06

## EAST Search History

S21 6	0	"9771976"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:06
S21 7	71	ecl and narrow.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:15
S21 8	21	electrode and ecl and narrow.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:16
S21 9	13	move and ecl and narrow.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:16
S22 0	0	ecl and (move same surface same elctrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:20
S22 1	184	ecl and (move same surface same electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:21
S22 2	17	ecl and (move same surface same electrode) and oppose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:21
S22 3	290	narrow and (move same surface same electrode) and oppose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:22
S22 4	1489	narrow and (move same surface same oppose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:22
S22 5	16	narrow and (move same surface same oppose) and ecl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 13:23
S22 6	1809366	electrode sama oppos\$3 same binding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 15:10
S22 7	1647	electrode same oppos\$3 same binding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 15:10

## EAST Search History

S22 8	175	S227 and dna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 15:30
S22 9	63	"6207369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:10
S23 0	2	"200119368"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:11
S23 1	3	"2001099127"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:11
S23 2	1	"200199127"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:18
S23 3	0	"10363996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:18
S23 4	0	"200401234767"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:18
S23 5	2	"20040234767"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:35
S23 6	1	2002-122369.NRAN.	DERWENT	OR	ON	2006/09/26 16:21
S23 7	1753131	polyacetylene electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:35
S23 8	1535	polyacetylene same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:36
S23 9	21	S238 and (dna same probe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/26 16:36

## EAST Search History

S24 0	5	"6548311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:24
S24 1	3350	knoll.in. meinhard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:24
S24 2	125	S241 and vapour	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:24
S24 3	17	S242 and magnetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:25
S24 4	5	"6548311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:25
S24 5	1	1999-493760.NRAN.	DERWENT	OR	ON	2006/09/27 10:34
S24 6	6	"235028"	DERWENT	OR	ON	2006/09/27 10:35
S24 7	26	"235028"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:36
S24 8	16	"824656"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:36

=> d his

(FILE 'HOME' ENTERED AT 10:28:20 ON 27 SEP 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, DISSABS, EMBASE' ENTERED  
AT 10:28:45 ON 27 SEP 2006

	E FRANZEN J/AU 21
L1	2 E18 AND CIRCUIT
L2	22 E18 AND ELECTRODE
L3	22 DUP REM L2 (0 DUPLICATES REMOVED)
	E BAUM HANS-JAKOB/AU 21
	E BAUM H J/AU 21
L4	29 E17 OR E3
L5	0 L4 AND ELECTRODE

SK  
9-27-06